

User Guide

CQUBE M Espresso



Your dealer

U_EN

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Thank you for choosing a CQube espresso machine. We hope you enjoy it !

- The machine must be connected correctly for your own safety.
Read the user guide before using the machine.
- The guide contains important instructions for proper and safe use.
- Always keep the guide close at hand.
The machine must be disconnected from mains electricity supply before carrying out any maintenance.
All installation work must be carried out by qualified personnel.

Safety regulations

- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety
- Children should be supervised to ensure they do not play with the appliance
- The brewer must be connected to the water mains in accordance with any national rules that may apply.

Facts:

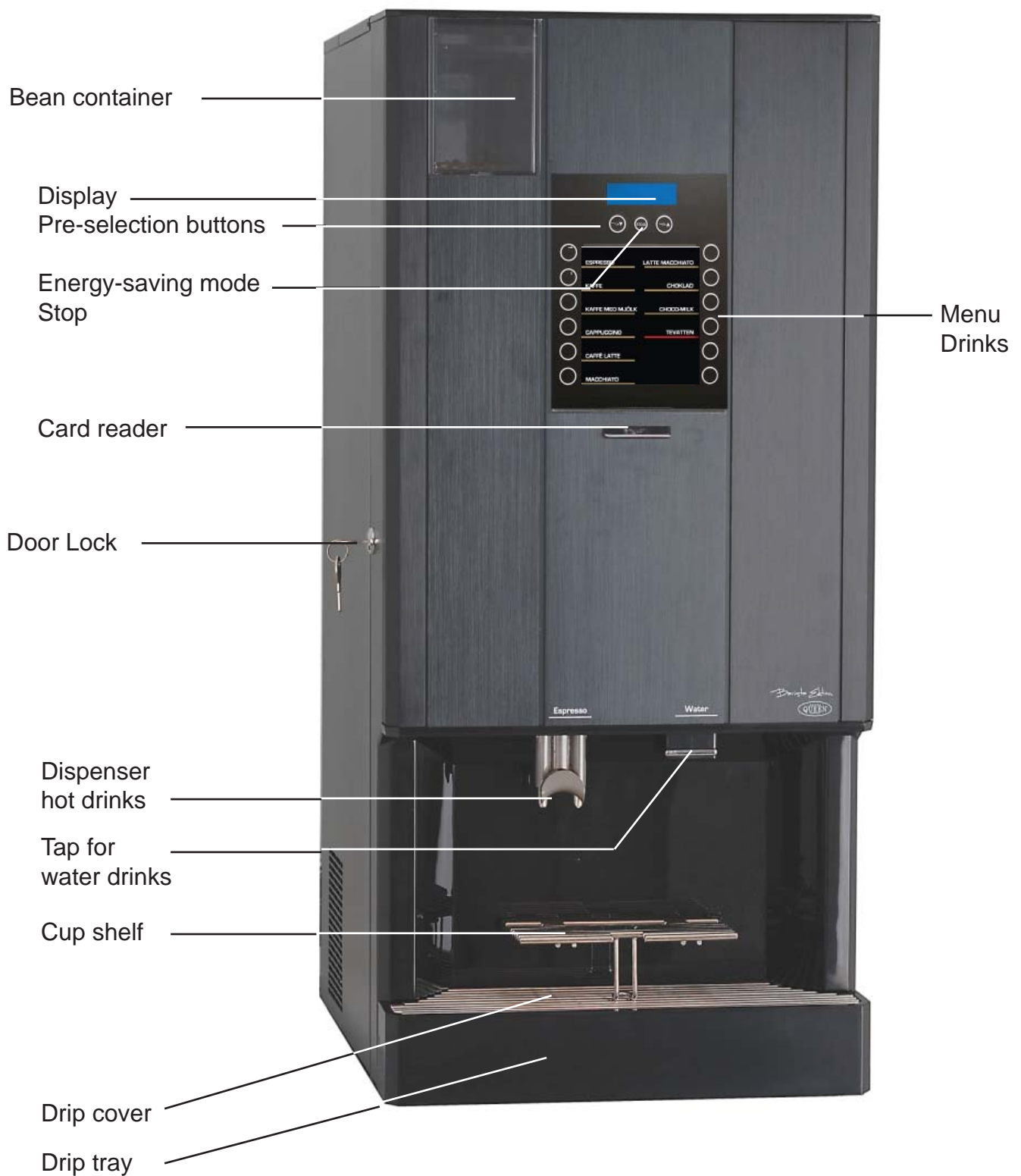
Built-in grinder	
Filtered water with or without carbonic acid	Optional
Function for selecting jug	Chocolate
Options for selecting drink	10 -12
Ingredient canister	2
Cleaning function with smartcard	Yes
Electronic temperature control	Yes
Adjustable coffee strength	Yes
Illumination of cup during brewing	Yes
Energy-saving mode	Yes
USER CARD	Yes
Touch screen	Optional
Tank volume	Thermoblock for espresso, tank 5 L. for Instant/hotwater
Power supply	230V/2200W+170W
Cold water hook-up	½" external thread
Water purification filter	filter
Carbonated water	20 litres/hour
Bean container	2.0 kg
Ingredient canister	chocolate
Ingredient canister	topping
Waste box	150 espresso pucks

Temperatures;

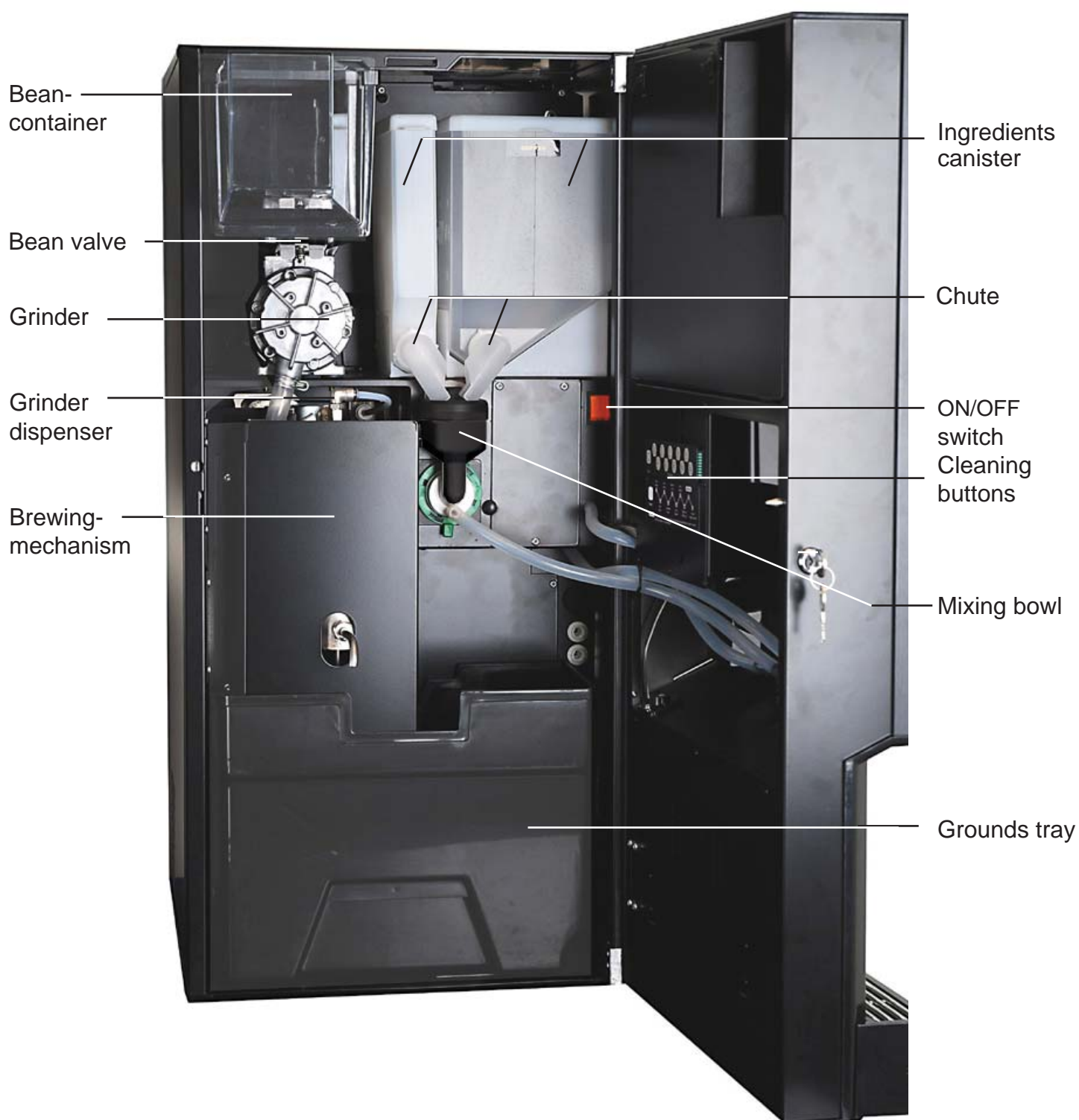
The recommended room temperature when the machine operates 20-23 ° C
(maximum 15 - 35 ° C)

Machine weight:

CQUBE M	no base cabinet	42 Kg
	Base cabinet	25 Kg
	Grinder	6 Kg
	Cold water	12 Kg
	Cold water + carbonic acid	16 Kg



Accessories;
Base cabinet with carbonic acid tube and cooler



3. Overview of components, ingredients container. CQube Espresso

Ingredients canister.

Detail;	Ingredients;	Width	Height	KG	Cups in gram	Amount of cups
Canister	Beans	160	180	2,0	14	143
Canister	Chocolate	67	250	1,5	20	76
Canister	Topping	67	250	1,1	9	122
Espresso maskin						
Behållare	Topping	160	250	2,9	0,01	291
Behållare	Chocolate	67	250	1,5	0,02	76

Buttons function front.



USER CARD



Press the Back button if you want to leave the submenu and go back to the main menu.



Press the Enter button if you want to enter the menu, change a value or a setting. Confirm the new setting by pressing the E-button.



Press the buttons if you want to increase a value or browse through a menu.



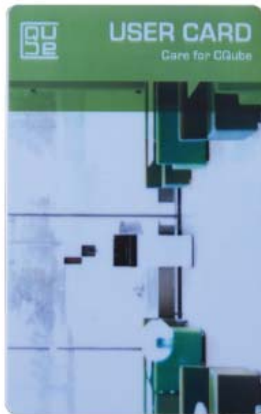
Press the button if you want to decrease a value or go back through the menu.



Press the **STOP** button if you want to return to the start menu. **ENERGY SAVING MODE** button. Keep the STOP button pressed down for c. 5 seconds. The display shows; Energy Saving Mode. To return to normal setting, keep the Stop button pressed down for 5 sec.

ENERGY SAVING MODE, the machine switches off the front display and decreases the temperature in the water tank to c. 65°C.

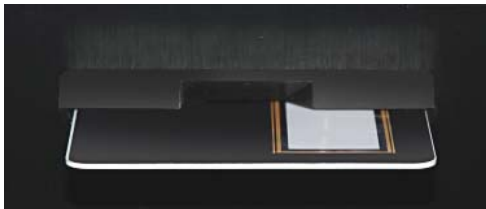
USER CARD



USER CARD Item number: 1602692.

Is used for cleaning and setting jug beverages.
The user card is supplied by your dealer.

For full menus. See Programming Manual.



Insert the card:

Display will show the Service Menu, Jug Beverage and you can now browse forwards through the menu.

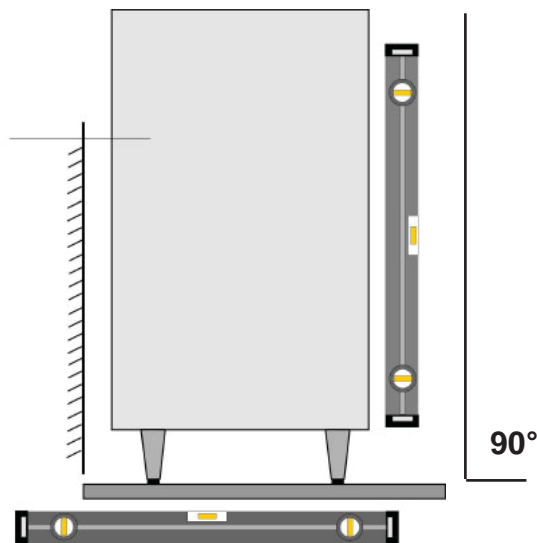
Service Menu
Jug Beverage

To use the machine again. Remove the card and keep it in a safe place.

4. Installation and start-up.

CQube Espresso

1. Place the machine on a flat surface that is impermeable to water.
2. With assembly with a base cabinet; Mount the machine's top cabinet with the M6 x 35 screws supplied.



M6 x 35



Note: Make sure air is able to circulate freely behind the machine. (minimum 10cm).

Note: Only for installation with cold water function.

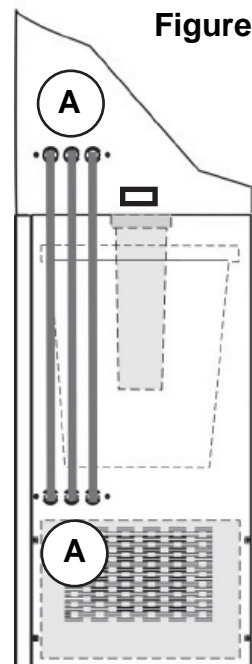
Installation of refrigeration unit with carbonic acid, (base cabinet)

3. Connect the 8mm hoses 3 units. (A) parallel between the top and base cabinets, hose for hose, left to left, etc. (See fig. 1).



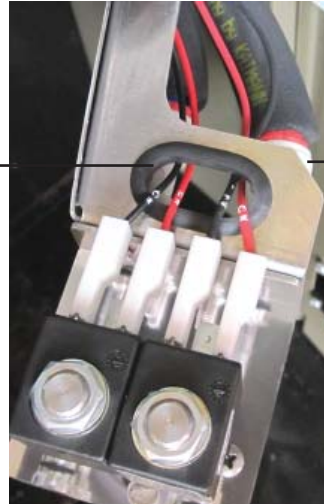
WATER IN CARBONATED WATER WATER OUT

Figure 1.



CARBONATED WATER

WATER OUT

**Note:**

Do not connect the electrical cable from the cold water unit, before the machine has heated up for c.10 minutes.



4. **Connect the carbon dioxide tube to the gas canister and** open the tap, check that the factory set pressure is c. 3.5bar.
May be adjusted +0.5 -1.0 bar.
Put the carbon dioxide tube in place (figure 2).

Figure 2.

Note: For the coffee machine: cold water unit without carbonic acid

Start-up refrigeration unit on the coffee machine without carbonic acid.
There is no pressure adjustment pump in this machine.

Follow instructions 1, 2, 6, 7, 8, 9,10,14, 16, 17

Connect electricity to top cabinet on the machine.

5. Connect the plug to a **earthed wall socket 230V 10A.**



Connect the water to the top cabinet on the machine.

6. Connect the factory-supplied tube to the **cold water feed** using a ½" R- connection piece. Make sure no folding or sharp bending occurs when you push the machine back in place.

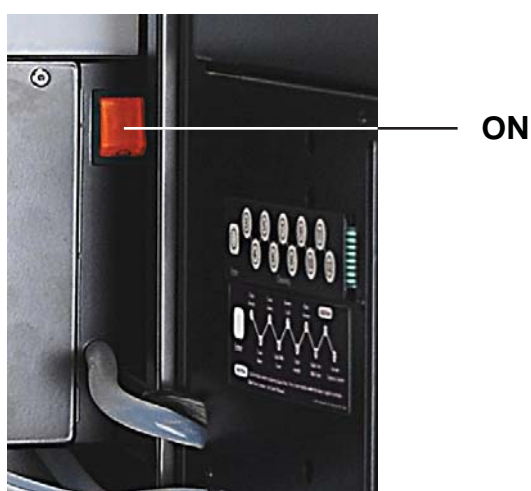
If the water pipe is new, flush the system with water first to remove copper shavings. These can damage the inlet valve.

The new tube set supplied with the appliance must be used. Old tubes may not be reused. Connection to a closable valve is recommended.

Min. water pressure; 2 bar (200kPa). Max. water pressure: 8 bar (800kPa).

7. Open the water tap.

8. Open the door and switch on the circuit breaker. See figure.



9. Close the door

10. The display indicates Low Water Level, Press Enter Key

Press  the E button

The water tank will now automatically fill with 5 litres of water.

At the same time the espresso system will be flushed with about 50ml of water.

Place a pitcher under the spout of the Espresso.



The element will not be powered until the water reaches the level sensor.

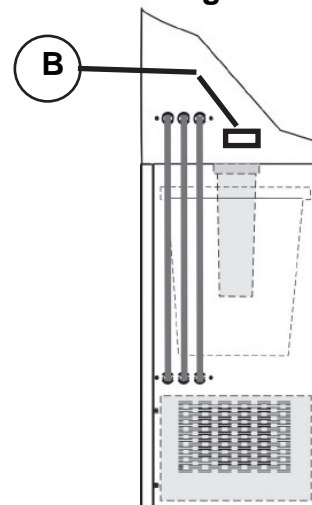
Set temperature is c. 96° Celsius.

11. Once the water heating is complete the "Low temp" text will disappear from the display. (The display text will start to rotate).

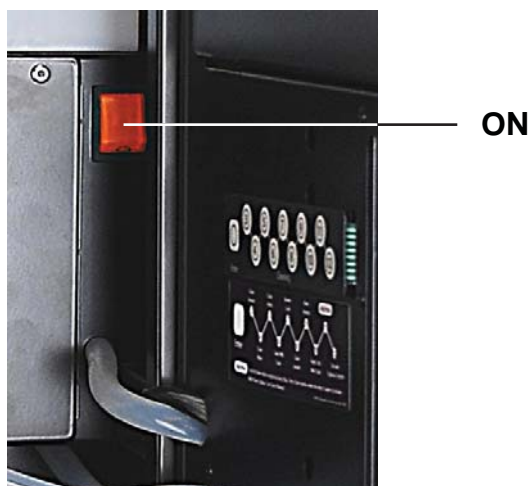
12. **Shut off the machine.**

Start-up of coffee machine with built-in refrigeration unit for water

13. **Now connect the electricity cable** which comes from the bottom cabinet into the electric socket for the machine **(B)** in the top cabinet **see figure 3).**

Figure.3.

14. **Switch on the machine again:**
and wait until the text in the display starts to rotate.



Note: The fresh-brew machine must be warm before cold water can be dispensed.

15. Take a glass and **Press on the button for cold water** until water is dispensed in an even flow and the pressure increase pump that is buzzing gives a different calmer sound (refrigeration-compressor is relatively quite so it should not usually be heard very much)

Note: If no cold water comes. Restart the machine.

16. **Press on the button for carbonated water** so that the holder fills and until you have an even flow of water.

After this the pressure increase pump will only have this quieter noise or be completely quiet,

17. **Wait for c. 10 minutes and the machine is ready to be used.**
(This is to ensure that the water is refrigerated).



18. Fill the container.

Fill ingredients into the containers.

Remove the ingredients containers to avoid spilling in the machine) and fill with ingredients.



19. Fill the bean container with coffee beans.

Lift the lid and fill the bean container with freshly roasted coffee beans without additives. (e.g. flavour essence and sugar), Open the valve (A) on the bean container.



20. When placing the ingredients container

Ensure that the ingredients pipes are (flush) against the condensation traps. See (A).



Brewing a cup of espresso.

1. Put a cup under the espresso dispenser.
2. The strength of the drink is set to default. If you would like to increase or decrease the strength then follow the steps in the section below, otherwise proceed to Point 3.


Stronger drink; Press + button



alternatively

Weaker drink; Press - button

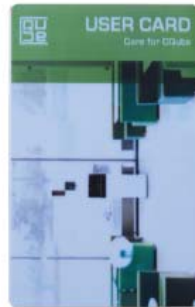





3. Select drink espresso by pressing on the button  espresso on the menu. The display shows: "Please wait", and the cup light goes on.
4. Wait until the cup light switches off and the text "Please wait" has disappeared from the display before removing the cup.

Dispensing cold water

Cold water dispenser (with or without carbonic acid).

1. Hold a glass under the dispenser for **Water** and press on the button COLD WATER or CARBONATED WATER.



1. Put a jug under the espresso dispenser and fold up the cup shelf.
2. Insert the user card in the card reader(A)
3. The display shows **Service Menu, Jug Beverage**.
4. Press the  E button.
5. Change the number of cups you want to brew in your jug.
(6 cups is the default setting.)
with  alternative  button.

Brewing is possible for up to 12 cups or down to 1 cup.

6. Press the button  for chocolate.

Wait until the cup light switches off and the message "please wait" has disappeared from the display before removing the jug.

7. Remove the user card.

Note: If no selection is made, remove the user card. To stop press the STOP button.

6. Cleaning programme; Clean brewing mechanism CQube Espresso

Automatic cleaning with brewing mechanism:

Cleaning the brewer mechanism should be done once a week.





fig. B




fig. C



1. Insert the user card in the card reader **(A)**
2. Move through the menu until the display shows
Service Menu, Clean Machine.
3. Press  the E button.
4. Move through the menu until the display shows
Select Cleaning, Clean Brewer.
5. Press  the E button.
The display shows; Open Door, Fill Detergent.
6. Open the door. The display shows; Fill Detergent, Close Door.
7. Put a cleaning tablet in brewmechanism. See fig. B
8. Close the door. The display shows; Place Jug, Enter To Start.
9. Put a 1 litre container under the coffee dispenser. See fig. C
Display shows: "Preparing Please Wait".
"Preparing Unit" "Please Wait".

6. Cleaning programme; Clean the brewing mechanism. CQube Espresso

Continuation:

10. Press  E-button to start cleaning.
11. Display indicates: Preparing unit, Please wait.
12. Cleaning Unit, Time Left 60 seconds. The machine counts down from 60 seconds.
13. Display indicates: Cleaning unit, Brewcycles left 3. Machine is now cleaning the system.
14. Close door.
15. Remove user card.

Total cleaning time about 5 minutes.

Note: When the cleaning agent has been added, the process must not be interrupted but be allowed to run its course.

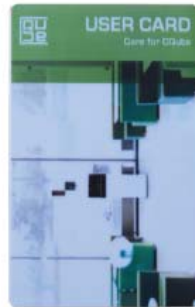
Remember that the water splashing from the spout is very hot!



Espresso machine cleaning for brewing mechanism is available from your dealer:

Product no. 1104171



Automatic rinsing of the blender bowls, at least once a day.





1. Lift up the cup shelf. Put a container that takes c. 0.5 litres under the dispenser for espresso
2. Insert the user card in the card reader **(A)**
3. Move through the menu until the display shows Service Menu, Clean Machine.
4. Press  the E button.
5. Move through the menu until the display shows Select Cleaning, Clean Mixer.
6. Press  the E button.
7. The machine will now clean the blender bowls for c. 5 seconds. Repeat the cleaning procedures 2-3 times.
8. Remove the user card.

Cleaning means rinsing with water and rotating the whisk motor.

Automatic cleaning of dispenser valves:



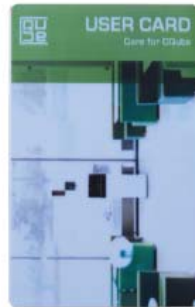
Cleaning of dispenser valves

1. Lift up the cup shelf. Put a container under both the Espresso and Water dispensers.
2. Insert the user card in the card reader **(A)**
3. Move through the menu until the display shows Service Menu, Clean Machine.
4. Press  the E button.
5. Move through the menu until the display shows Select Cleaning, Clean Valves.
6. Press  the E button.
7. Dispenser valves will not start to open and close with 3 pulses/second for a max of 6 seconds. Repeat the procedure 2 - 3 times.
8. Remove the user card.



Cleaning entails that the valves "knock" off any lime scale and other particles that may get stuck in the cylinders and flushing them with water.

6. Cleaning programme; Flush brew mechanism ESP CQube Espresso

Flush brew mechanism with water if necessary.



Flush brew mechanism.

1. Lift up the cup shelf. Put a container under the Espresso dispenser.
2. Insert the user card in the card reader **(A)**.
3. Move through the menu until the display shows Service Menu, Clean Machine.
4. Press  the E button.
5. Move through the menu until the display shows Select Cleaning, Rinse Brewer ESP.
6. Press  the E button.
7. Brew mechanism will now be flushed with water.
8. Remove the card.

7. CLEANING: CLEANING EVERY WEEK

Disassemble: the blendersystem

1. Loosen canister and output hose. see fig. 1.
2. Turn the lever anticlockwise. see fig. 2.
3. Loosen the blender bowl by pull straight out. see fig. 3.

Fig. 1.



Fig. 2.



Fig. 3.

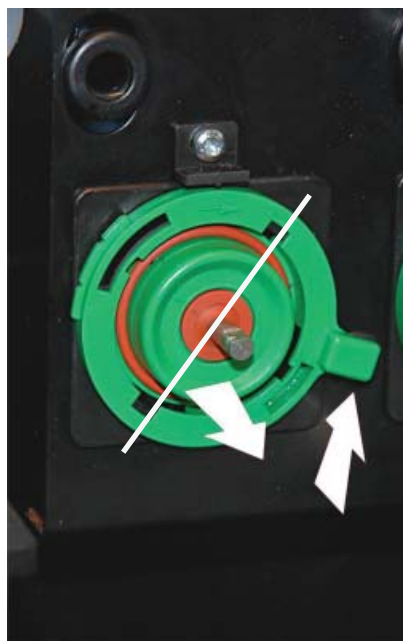


4. Loosen whisk by pulling it straight out. see fig. 4
5. Loosen the fixing plate. Turn the lever anticlockwise, until it stops.see fig. 5.

Fig. 4.



Fig. 5.



**Reassembly
blendersystem.**

See next page.

7. CLEANING: CLEANING EVERY WEEK

Wash these parts.

Blender bowl



Condensation trap



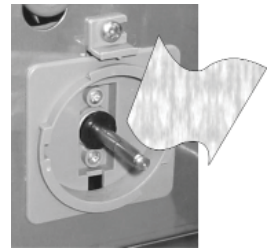
Fitting plate



Whisk



Clean with a moist cloth and wipe dry.



All parts must be dry before reassembly.

Reassembly blendersystem reversed.

6. CHECK all seals before reassembly of parts. See fig. 6.
7. The plane side of the whisk motor shaft must correspond with the marking on the whisk. See fig. 7.
8. Fit the whisk, push until a slight clicking sound can be heard. Follow the instructions of the blender, arrow. It is only possible to fit the whisk in one way. See fig. 8.

Fig. 6.



Fig. 7.



Fig. 8.

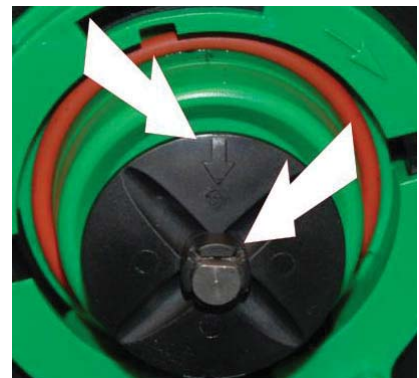


Fig. 9.

9. Fix the blender bowl and condensation trap. Push-fit the blender bowl and fix with lever. Connect the output hose. **OBS!** ensure that all water hoses have been connected and fitted. See fig. 9.



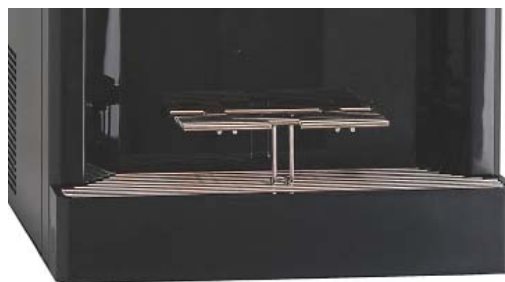
Cleaning when necessary.**When cleaning the bean container.**

1. Close the dispenser valve
2. Lift the bean container up and remove it.

Use a soft rag and liquid cleaning agent that is non abrasive.
Note: Ensure that the bean container is completely dry before refitting.



To clean the exterior of the machine, use a soft rag and liquid cleaning agent that is non-abrasive.



Drip tray and drip tray insert should be washed by hand in ordinary dishwater. Do not wash in a dish washing machine!

NB: All parts must be dry before being re-inserted.

Is done in conjunction with technical service.**Cleaning the condenser.**

Cold water unit condenser: CLEANED at least twice yearly.

In very dusty environments, this needs to be done more often.

Replacement of carbonic acid tube: Replacement of carbonic acid tube is done after dispensing c. 1000 litres of water. (See installation and start-up).

Cleaning the grinder.

Cleaning of grinder shall be performed once per month in conjunction with technical maintenance.

Message on display:

The display indicates:

Energy saving mode	The machine is in energy saving mode.
Not available	Drink cannot be selected as jug.
Heating Water Please Wait...	Low temperature in the water tank, the machine is heating up (blocked)
Low Water Level Press Enter Key	Low water level in water tank.
Filling Water Please wait	The machine is filling water.
Warning Low Temperature	The temperature is low, it is still possible to dispense drink
Low Temperature Blocked	Temperature is low, the machine is blocked.
Empty Drip Tray	The drip tray is full of water
Low Water Level Blocked	The water level in the water tank is low, it is not possible to dispense drink.
Check Water Supply	The water has not reached the correct level in the water tank. Check the water hose, restart the machine.
Empty Waste Box	The waste box is full, open the door and empty out the grounds. When closing the door, press + button and then E button to reset the counter. Selectable in main programme.
Change Brewer Filter	CHECK brewing mechanism. If NECESSARY clean.
Place Cup	If the cup sensor has been activated, this is shown if no cup has been placed on the drip tray.
Bev. Disabled	The drink has been disabled.
Door Open	The door is open.
Change Water Filter	The water filter needs replacing, press the button E to reset the counter.

Activate programming with the user card

1. Insert the user card in the card reader
2. **The display indicates:** Service Menu, Jug Beverage, Clean Machine, Counters

Function buttons programming



Press this button if you wish to leave the submenu and return to the main menu.



Press the enter button if you want to enter a menu, alter the value or a setting.

Alter a value by pressing the  button or the  button.

Confirm the new setting by pressing the E-button.



Press this button if you wish to increase a value or step forward in the menu.



Press this button if you want to reduce a value or go back in the menu.



Press the STOP button if you want to return to the start menu. ENERGY SAVING MODE button. Keep the STOP button pressed down for c. 5 seconds. The display shows; Energy Saving Mode. To return to normal setting, keep the Stop button pressed down for 5 sec.

ENERGY SAVING MODE for touchscreen. See manual touchscreen.

ENERGY SAVING MODE, the machine switches off the front display and decreases the temperature in the water tank to c. 65°C.

PROGRAMMING AND SETTINGS.

The display shows _____

Service Menu
Jug Beverage

Press  the button

The display shows _____

Service Menu
Clean Machine

Press  the button

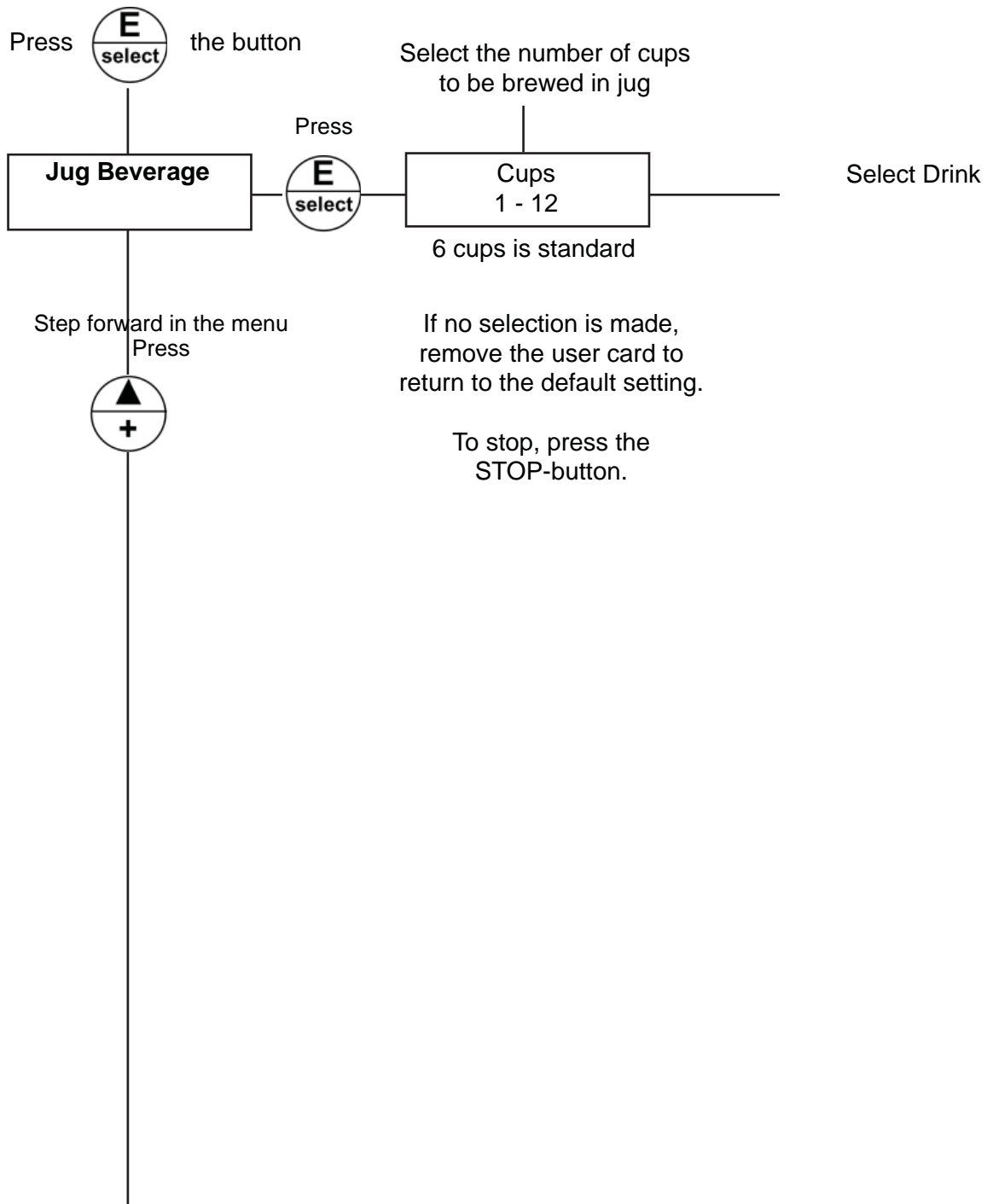
The display shows _____

Service Menu
Counters

Alter Jug Beverage, Jug Setup

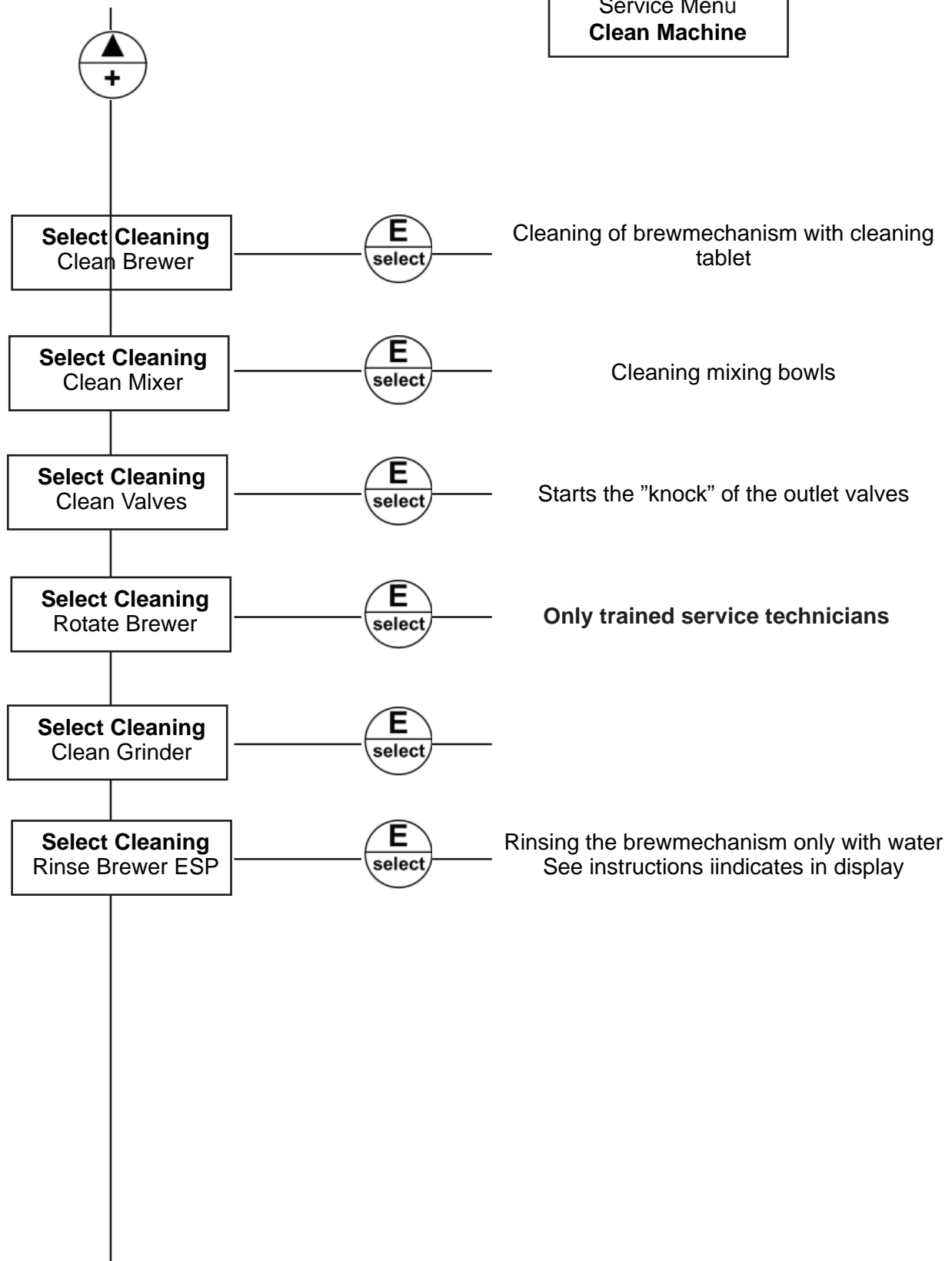
Service Menu
Jug Beverage

Place card in the card reader.
Display shows Jug Beverage

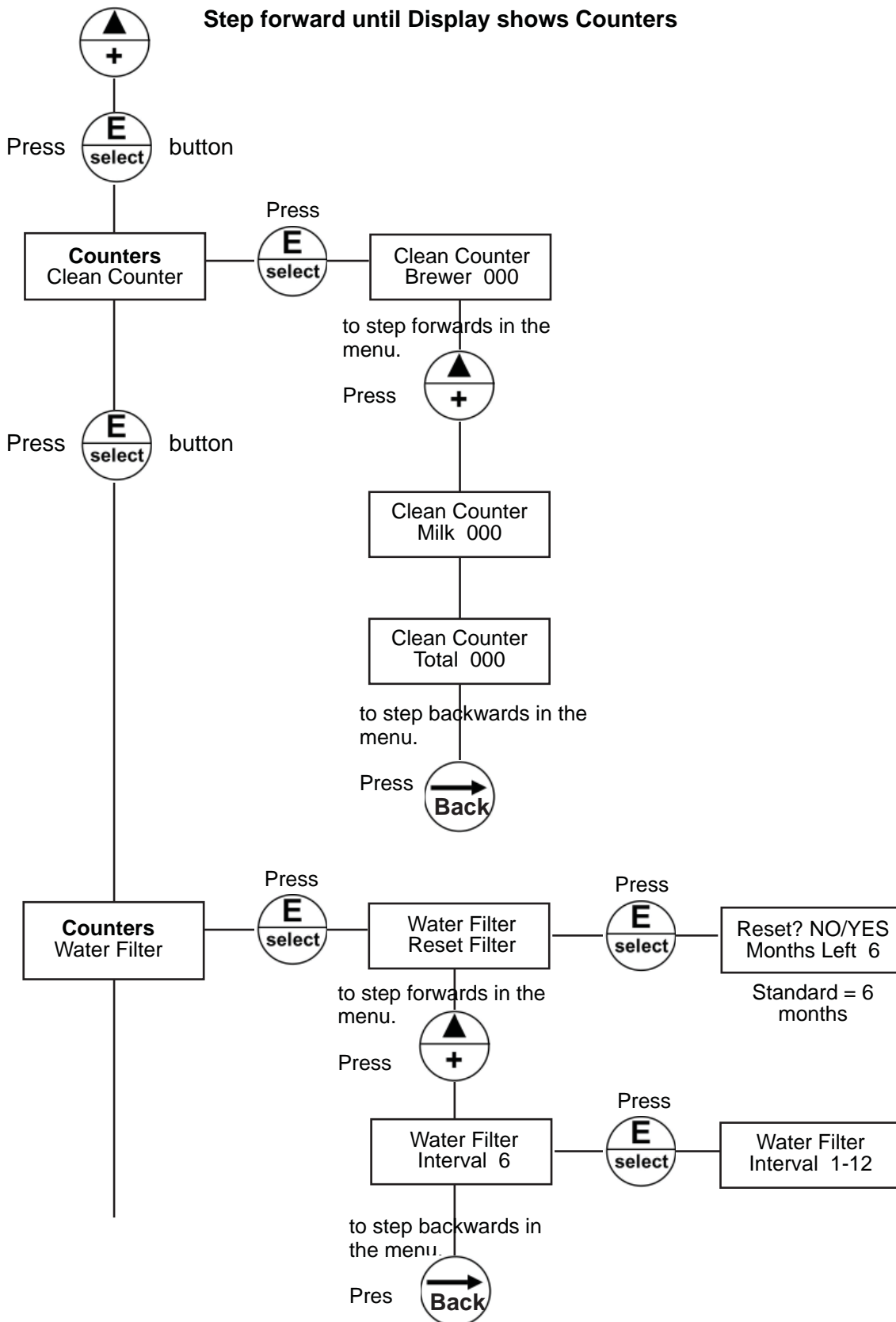


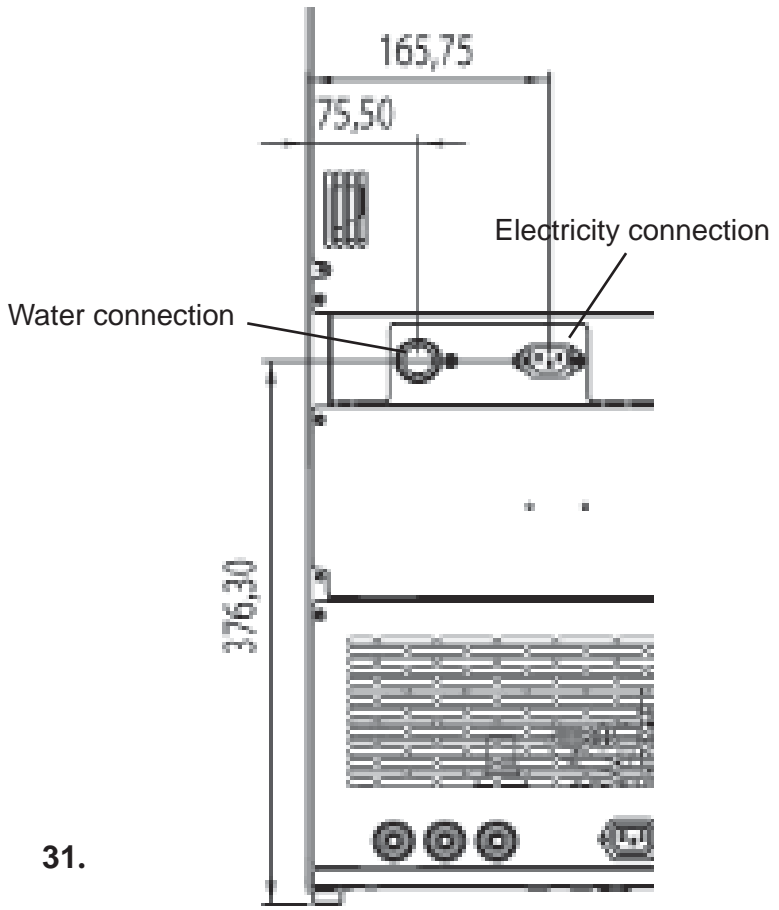
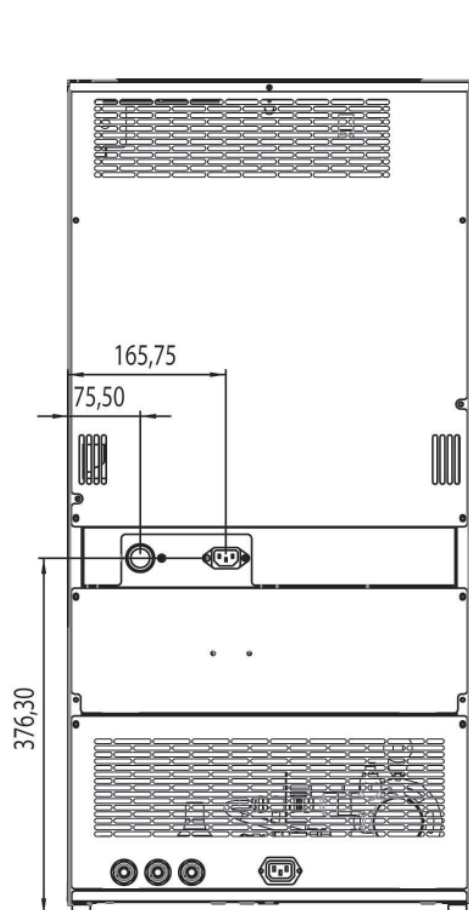
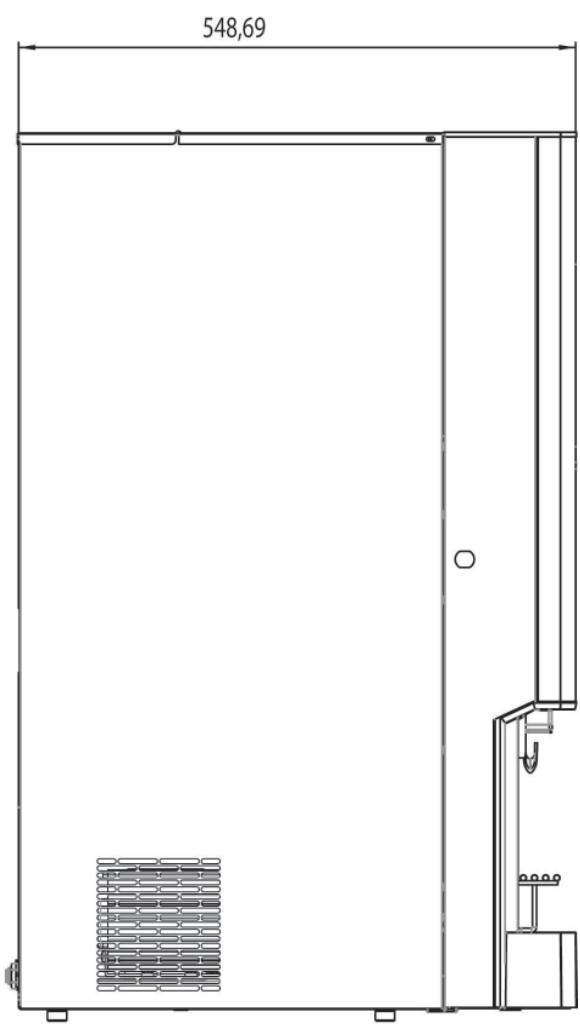
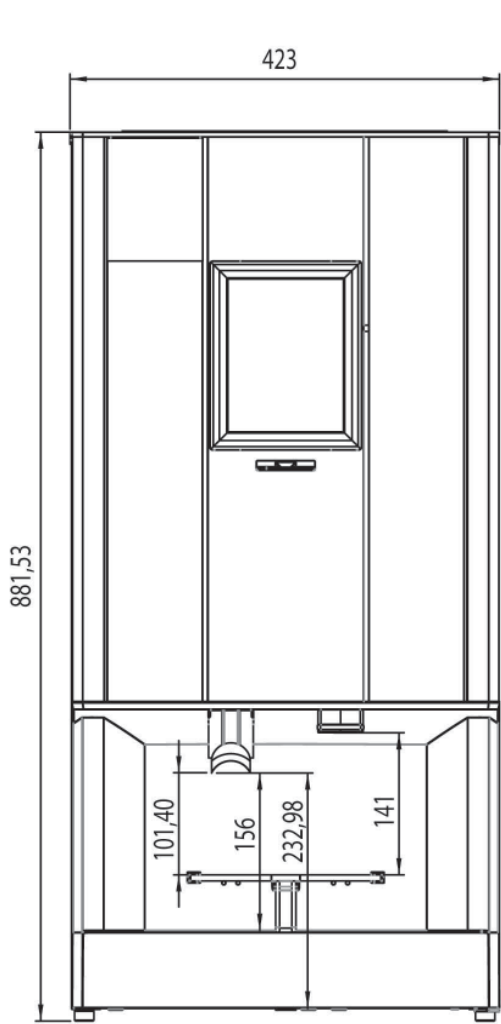
Cleaning Programm:

Access Cleaning menus for the user card.

Place card in card reader. Display shows Service meny Jug Beverage, Clean Machine, Counters**Step forward in menu**

Se the number of performed cleanings or reset the counter:
Counters, Cleaning Counter







FOR SERVICE
Please contact your dealer

<p>.....</p> <p>.....</p> <p>.....</p>
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